

Title (en)

COMPACT LIGHT EMITTING DIODE RETROFIT LAMP AND METHOD FOR TRAFFIC SIGNAL LIGHTS

Title (de)

KOMPAKTE LEUCHTDIODEN-NACHRÜSTLAMPE UND VERFAHREN FÜR AMPELLICHTER

Title (fr)

LAMPE COMPACTE A DIODES ELECTROLUMINESCENTES A RETROMONTAGE POUR FEUX DE CIRCULATION ROUTIERE

Publication

**EP 1547048 B1 20080102 (EN)**

Application

**EP 03749325 A 20030902**

Priority

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- US 40825802 P 20020904
- US 44994403 A 20030530

Abstract (en)

[origin: US6911915B2] A high power LED lamp and method for retrofitting conventional traffic signal lamps. The LED lamp includes a housing, a power supply disposed in the housing, a plurality of LEDs mounted to a substantially planar mounting surface in the housing and electrically connected to the power supply for producing diverging light, and a threaded electrical connector extending from the housing. The method includes replacing a conventional incandescent light bulb with the LED lamp, and installing a Fresnel lens inside the traffic signal lamp that collimates and just fills and illuminates the outer lens of the traffic signal lamp.

IPC 8 full level

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